WHAT IS CLAIMED IS:

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- A reproduction method for reproducing BCA (Burst Cutting Area) data for optical discs, comprising the steps of:
 - generating a defect signal as a BCA signal by detecting an RF (Radio Frequency) signal of the BCA;
 - generating a BCA data bit stream by sampling the BCA signal according to a sampling clock; and

decoding the BCA data bit stream to generate BCA data.

- 2. The method according to claim 1, wherein the decoding step comprises the step

 of demodulating channel bit, detecting sync, checking error-correction-code,
 and checking error-detection-code the BCA data bit stream to generate the

 BCA data.
 - 3. The method according to claim 1, wherein the step of generating the defect signal is to compare a ripple amplitude signal of the RF signal of BCA to the ripple amplitude signal after being low-pass filtered, so as to generate the defect signal.
 - 4. A BCA data reproduction apparatus for optical discs, the reproduction apparatus comprising:
 - a defect detector for receiving an RF (Radio Frequency) signal and generating a defect signal according to the RF signal, the defect signal serving as a BCA signal;
 - a sampling unit for sampling the BCA signal according to a sampling clock to generate a BCA data bit stream; and
 - a decoder for decoding to generate BCA data according to the BCA data bit

stream.

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- 5. The reproduction apparatus according to claim 4, wherein the defect detector comprises:
 - a ripple amplitude detector for receiving the RF signal and generating a ripple amplitude signal of the RF signal;
 - a low-pass filter for filtering out high-frequency components of the ripple amplitude signal of the RF signal to generate a filtered signal; and
 - a defect decision unit for comparing the ripple amplitude signal to the filtered signal to generate the defect signal.
- 10 6. The reproduction apparatus according to claim 4, further comprising a frequency divider for receiving a reference clock and generating the sampling clock.